



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

CS

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/761,957	01/20/2004	Michel Doucet	11348-0009-999	3881
20583	7590	09/27/2004	EXAMINER	
JONES DAY 222 EAST 41ST ST NEW YORK, NY 10017			PRICE, CARL D	
			ART UNIT	PAPER NUMBER
			3749	

DATE MAILED: 09/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/761,957

Applicant(s)

DOUCET ET AL.

Examiner

CARL D. PRICE

Art Unit

3749

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-48 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-48 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 01/20/2004.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Information Disclosure Statement

The listing of references in the specification is not a proper information disclosure statement. 37 CFR 1.98(b) requires a list of all patents, publications, or other information submitted for consideration by the Office, and MPEP § 609 A(1) states, "the list may not be incorporated into the specification but must be submitted in a separate paper." Therefore, unless the references have been cited by the examiner on form PTO-892, they have not been considered.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(c) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

(c) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 15-24, 26-29: rejected under 35 U.S.C. 102(b)

Claims 15-24 and 26-29 are rejected under 35 U.S.C. 102(b) as being anticipated by EP0671589 (HATTORI).

EP0671589 (HATTORI) shows and discloses (see figure 8) a gas cigarette lighter comprising:

- a fuel reservoir (1) made of a polymer material;
- the reservoir having a top wall (not referenced), the top wall having an annular groove and an annular wall (not referenced);
- a well (not referenced), the well passing through the top wall;
- a gas dispensing device (5) including a tubular element, the tubular element being disposed in the well;
- a ring (8), the ring engaging the annular groove;
- wherein the annular groove surrounds the well, and at least a portion of the annular wall is reinforced by the ring (8);

Art Unit: 3749

- wherein the top wall (not referenced) forms the annular wall between the annular groove and the well, and the annular wall is clamped between the ring and the tubular element;
- wherein the annular groove has a first annular face facing radially outwards, and the ring has a first annular face facing inwards, and the first annular face and the first ring face are engaged in tight fitting manner with one another;
- wherein the annular wall has a second annular face facing radially inwards, and the ring has a second annular face facing radially outwards, and the second annular groove face and the second ring face are not engaged in tight-fitting manner with one another;
- wherein the well, the tubular element the ring and the groove are in the shape of a cylinder that is circularly symmetrical, the groove having a certain inside diameter, and the ring having an inside diameter that is no larger than the inside diameter of the groove, the well having a certain diameter and the tubular element having a certain outside diameter that is no smaller than the diameter of the well;
- wherein the groove has a certain outside diameter, and the ring has an outside diameter that is no larger than the outside diameter of the groove;
- wherein the lighter is provided with a head (not referenced) integrally formed with and overlying the reservoir,
 - o the head having an ignition device (11); and
 - o a device (9) for controlling the gas dispensing device;
- the tubular element (5) is engaged by force in a hole provided in the head;

Art Unit: 3749

- wherein the gas dispensing device includes a regulating device (2) and a valve (4) that are received inside the tubular element;
- wherein the tubular element is made of metal and has an internal shoulder (3) against which a micro-porous disk (not referenced) is held by a retaining ring (2), the tubular element having one end crimped against the retaining ring;
- wherein the reservoir has a side wall against which the top wall is bonded (i. e - integrally formed).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 1-14,25 and 30-48: rejected under 35 U.S.C. 103(a)

Claims 1-14,25 and 30-48 are rejected under 35 U.S.C. 103(a) as being unpatentable over EP0671589 (HATTORI) in view of JP 02-290270.

EP0671589 (HATTORI) shows and discloses the invention substantially as set forth in the claims with possible exception of the lighter tank:

Art Unit: 3749

- being made from rigid amorphous polymer material selected from at least one of the group consisting of ABSs and SANs (claims 1, 14, 30, 31 and 34);
- the ring being part of the head of the lighter (claim 8); and
- the head and the ring are formed as a single piece made of a semi-crystalline polymer material (claim 9).

JP 02-290270 teaches, from the same fuel tank field of endeavor as EP0671589 (HATTORI), forming an aerosol container having gas barrier properties from a rigid amorphous acrylonitrile polymer material.

In regard to claims 1-14, 25 and 30-48, for the purpose of forming an aerosol container having gas barrier properties, it would have been obvious to a person having ordinary skill in the art to modify the container of EP0671589 (HATTORI) to be made from a rigid amorphous acrylonitrile polymer material, in view of the teaching of JP 02-290270. Also, in regard to claims 8, 14, 31 and 34, since the desired properties of the tank material, and the manner of attaching the ring to the head, would depend on numerous design concerns such as the type of fuel used, the size of the container, the relative sizes of each of the lighter components, etc. to form the container/tank of EP0671589 (HATTORI) from ABS or SAN, semi-crystalline material, and to integrally form the head, top and/or ring can be viewed as nothing more than a mere matter of choice in design absent the showing of any new or unexpected results produced therefrom over the prior art of record.

Art Unit: 3749

Conclusion


See the attached PTO FORM 892 for prior art made of record and not relied upon and which are considered pertinent to applicant's disclosure.

USPTO CUSTOMER CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **CARL D. PRICE** whose telephone number is **703-308-1953**. The examiner can normally be reached on Monday through Friday between **6:30am-3:00pm**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ira Lazarus can be reached on **703-308-1935**. The fax phone number for the organization where this application or proceeding is assigned is **703-872-9306**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (**PAIR**) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the **Electronic Business Center (EBC)** at **866-217-9197 (toll-free)**.


CARL D. PRICE
Primary Examiner
Art Unit 3749

Cp